

# MATERIAL SAFETY DATA SHEET

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SECTION I			
MANUFACTURER'S NAME Pursell Industries, Inc		EMERGENCY TELEPHONE NO. <b>CHEMTREC</b> <b>(800) 424-9300</b> <b>MANUFACTURER</b> <b>(800) 874-8892</b>	
ADDRESS (Number, Street, City, State and Zip Code) PO Box 540 Sylacauga, AL 35150			
CHEMICAL NAME AND SYNONYMS  SEE SECTION II	TRADE NAME AND SYNONYMS  16-6-8 TURFGREEN		
CHEMICAL FAMILY 100% INORGANIC SALTS	CHEMICAL FORMULA N/A		
HAZARD CLASS NON-HAZARDOUS	IDENTIFICATION NO NONE	PLACARD/LABEL REQUIRED NONE	
SECTION II - HAZARDOUS INGREDIENTS			
TYPICAL ANALYSIS			
	<u>WT. %</u>	<u>CAS #</u>	
TOTAL NITROGEN (DERIVED FROM AMMONIUM SULFATE)	16.00	7783-20-2	
AVAILABLE PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> ) (DERIVED FROM AMMONIUM PHOSPHATE)	6.00	7722-76-1	
SOLUBLE POTASH (K <sub>2</sub> O) (DERIVED FROM POTASSIUM CHLORIDE)	8.00	7447-40-1	
SULFUR (S) (DERIVED FROM AMMONIUM SULFATE)	16.00	N/A	
IRON (Fe) (DERIVED FROM IRON OXIDE)	1.50	1309-37-1	
MANGANESE (Mn) (DERIVED FROM MANGANESE OXIDE)	0.10	1317-35-7	
ZINC (Zn) (DERIVED FROM ZINC OXIDE)	0.10	1314-13-2	
SECTION III - PHYSICAL DATA			
BOILING POINT (°F.) N/A	SPECIFIC GRAVITY (H <sub>2</sub> O=1) N/A		
VAPOR PRESSURE (mmHg) N/A	PERCENT VOLATILE BY VOLUME (%) N/A		
VAPOR DENSITY (AIR = 1) N/A	EVAPORATION RATE (_____ = 1) N/A		
SOLUBILITY IN WATER APPRECIABLE			
APPEARANCE AND ODOR GRAY PELLETS			
SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (METHOD USED) NON FLAMMABLE	FLAMMABLE LEI N/A	LIMITS LEI N/A	
EXTINGUISHING MEDIA USE SUITABLE AGENT FOR SURROUNDING FIRE			
SPECIAL FIRE FIGHTING PROCEDURES APPROVED SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTERS.			
UNUSUAL FIRE AND EXPLOSION HAZARDS MATERIAL WILL NOT BURN. AT DECOMPOSING TEMPERATURE, TOXIC GASES OF AMMONIA, IRON MANGANESE & OXIDE OF PHOSPHOROUS MAYBE LIBERATED			

**SECTION V - HEALTH HAZARD DATA****THRESHOLD LIMIT VALUE**AS A NUISANCE DUST 10Mg/M<sup>3</sup> & IRON OXIDE AS IRON 1 Mg/M<sup>3</sup> - PEL-ACGIH -1991**EFFECTS OF OVEREXPOSURE**

PROLONGED CONTACT MAYBE MILDLY TO MODERATELY IRRITATING TO SKIN, EYES AND RESPIRATORY MUCOUS MEMBRANES. IF INGESTED MAYBE SLIGHTLY TOXIC DUE TO AMMONIUM & IRON SALTS PRESENT.

**EMERGENCY AND FIRST AID PROCEDURES**

SKIN - WASH WITH SOAP & WATER EYES - WASH FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES.  
 INGESTION - GIVE LARGE AMOUNTS OF WATER THEN TAKE PERSON & PRODUCT CONTAINER TO  
 EMERGENCY TREATMENT CENTER. TELL PHYSICIAN IRON IS PRESENT IN PRODUCT. NOT A LISTED  
 CARCINOGEN BY OSHA OR NTP.

**SECTION VI - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	AVOID HEAT AND EXCESSIVE MOISTURE. KEEP AWAY FROM MINERAL ACIDS.

**INCOMPATIBILITY (MATERIALS TO AVOID)****MINERAL ACIDS****HAZARDOUS DECOMPOSITION PRODUCTS****AMMONIA, IRON & PHOSPHOROUS OXIDES**

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

**SECTION VII - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

CONTAIN TO PREVENT ENTRY INTO SEWER OR WATER COURSE. CLEAN SPILL IMMEDIATELY. WEAR  
 PROTECTIVE CLOTHING, GLOVES, & EYE GOGGLES WHEN HANDLING MATERIAL. FOR DUST USE DUST MASK  
 THAT WILL PROTECT YOU FROM NUISANCE DUST & IRON OXIDES DUST.

**WASTE DISPOSAL METHOD**

SWEEP UP SPILLED MATERIAL &amp; PLACE IN SUITABLE CONTAINERS FOR RECYCLE OR DISPOSAL.

**SECTION VIII - SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION (Specify type)**

USE NIOSH/MSHA APPROVED MASK FOR NUISANCE DUST &amp; IRON OXIDE DUST.

VENTILATION OPEN	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

**PROTECTIVE GLOVES**

IMPERVIOUS TYPE GLOVES

**EYE PROTECTION**

SAFETY GOGGLES

**OTHER PROTECTIVE EQUIPMENT**

PROTECTIVE CLOTHING - CHANGE CLOTHES DAILY, BATHE DAILY, WASH CLOTHING SEPARATELY.

**SECTION IX - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

AVOID CONTACT WITH EYES & SKIN. WEAR PROTECTIVE CLOTHING & GOGGLES. WASH THOROUGHLY  
 AFTER HANDLING & BEFORE EATING. STORE IN COOL DRY PLACE.

**OTHER PRECAUTIONS**

CORROSIVE TO COPPER, BRASS &amp; THEIR ALLOYS